



### IN THE EXITED STATES PATENT AND TRADEMARK OFFICE

Application No.

10/623,866

Confirmation

: 6399

No.

First Named Inventor:

Yoshihiro KATO
July 22, 2003

TC/A.U.

Filed

: 1763

Examiner

: Jeffrie R. Lund : 101246.52582US

Docket No. Customer No.

: 23911

Title

: Plasma Process System and Plasma Process Method

# INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R § \$ 1.97 AND 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, the attached Form PTO-1449 lists documents which the Examiner may deem relevant to patentability of the claims of the above-identified application.

## I. <u>Time Period of Submission</u>

This Information Disclosure Statement is submitted:

	1)	no later	than th	ree mor	ths fro	om the	e appl	ication	n's filir	ig date
or 2) before	,									_
later) or 3)		~							•	
Examination						_		-		
37 C.F.R.§	•			CIIICIIU (	muci	J. U.I	.10. 3	1.01(0)	01 100	unuci
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2) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, a Notice of Allowance, or an action closing prosecution (Ex parte Quayle), (whichever is earlier), and therefore Applicant is filing concurrently herewith:

a Statement under 37 C.F.R. § 1.97(e); or
a fee in the amount of \$180.00 under 37 C.F.R. § 1.17(p).

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## Attorney Docket No. 101246.52582US

a Statement under 37 C.F.R. § 1.97(e); and
a fee in the amount of \$180.00 under 37 C.F.R. § 1.17(p).
4) within 30 days of receipt by any individual designated in 37 C.F.R. § 1.56(c) of a communication from a foreign patent office in a counterpart application in which each item of information contained in this information disclosure statement was first cited, and therefore Applicant is submitting herewith:
a Statement under 37 C.F.R. § 1.704(d).
II. Statement Under 37 C.F.R. § 1.97(e)
☐ I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
I hereby state that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making a reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; or
I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.
III. Submission of Non-English Language Documents
The following is a concise explanation of relevance of the non- English language documents listed in the attached Form PTO-1449:
The relevance of document(s) to the subject matter of the present invention is/are provided in the specification of the above-identified application.
Corresponding foreign or international report(s) citing document(s) AE, together with an English-language version(s) (if not already in

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English) of that portion of the report(s) indicating the degree of relevance found by the foreign office(s) is/are submitted.
English language family member publication(s) of document(s) is/are noted on Form PTO-1449.
English language abstract(s) is/are submitted for document(s) $\underline{AE}$ .
English translation(s) of the foreign language document(s) is/are submitted herewith.
Applicant submits the following explanations:
IV. Continuations/Divisionals/PCT National Stage Applications  Documents were of record in parent application Serial No, filed, from which this application claims benefit. As provided in 37 C.F.R. §1.98(d), copies of the documents are not being provided since they were previously submitted to or cited by the United States Patent and
Trademark Office in the afore-mentioned parent application.  Copies of document(s) listed on the attached form PTO-1449 have already been provided by the International Searching Authority, therefore, duplicate copies are not attached hereto.
The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

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If necessary, this paper should be considered as an authorization to charge Deposit Account 05-1323, Attorney Docket No.: 101246.52582US, for the fee set forth in 37 C.F.R. § 1.17(p).

Respectfully submitted,

January 19, 2006

effrey D. Sanok

Registration No. 32,169

CROWELL & MORING LLP Intellectual Property Group P.O. Box 14300 Washington, DC 20044-4300 Telephone No.: (202) 624-2500 Facsimile No.: (202) 628-8844

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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/623,866 Filing Date July 22, 2003 First Named Inventor Yoshihiro KATO Art Unit 1763

(use as many sheets as necessary)

Sheet 1 of 2

**Examiner Name** Jeffrie R. Lund Attorney Docket Number 101246.52582US

				U.S. PATENT (	OCUMENTS		
Examiner Initials'	Cite No. <sup>1</sup>			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	AA	US- 6,086,677	Α	07/11/2000	UMOTOY, ET AL.		
	AB	US- 6,148,761	Α	11/21/2000	MAJEWSKI, ET AL.		
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		FOREIC	N PATENT DO	CUMENTS	· · · · · · · · · · · · · · · · · · ·	
		Foreign Patent Document			Pages, Columns, Lines, Where Relevant Passages	
Examiner Initials'	Cite No.1	Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	or Relevant Figures Appear	T⁵
	AC	WO 01/03159 A1	01/11/2001	LAM RESEARCH CORPORATION		
	AD	EP 1 134 789 A2	09/19/2001	APPLIED MATERIALS, INC.		
	AE	WO 01/61071 A2	08/23/2001	AXITRON AG		ABS
	AF	WO 02/23964 A1	03/21/2002	APPLIED MATERIALS, INC.		

Examiner	Date	
Signature	Considered	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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C. L	- for form 4.4.40D/DTO			Complete if Known			
Substitute	e for form 1449B/PTO			Application Number	10/623,866		
	INFORMATION DIS	scLosu	RE	Filing Date	July 22, 2003		
	STATEMENT BY			First Named Inventor	Yoshihiro KATO		
				Art Unit	1763		
	(use as many sheets a	s necessary	)	Examiner Name	Jeffrie R. Lund		
Sheet 2 of 2				Attorney Docket Number	101246.52582US		

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
	AG	EUROPEAN SEARCH REPORT Dated November 07, 2005 (Three (3) pages)			
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Examiner Signature		Date Considered			

Include copy of this form with next communication to applicant.

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